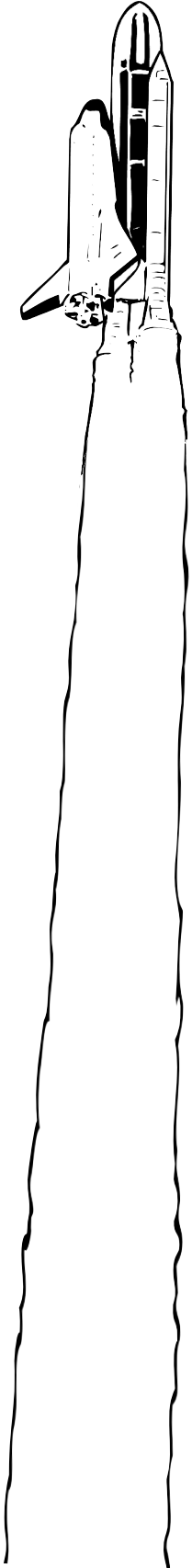


Web Site Scavenger Hunt



1. Who is the first female commander of a shuttle mission (STS-93)?
2. Name the payload of this mission (STS-93)?
3. Take a “walk around the space shuttle” and find the names for these abbreviations.

ET =

SRB =

RMS =

OMS =
4. How many levels are there to the crew cabin? Name each one.
5. Look at a diagram of the space shuttle and draw the wing configuration of the orbiter.
6. Check out the “Basic Aeronautics of the Space Shuttle” to find that the space shuttle is also called an _____ and a _____. Write its two names below.

Web Site Scavenger Hunt (continued)

7. Look at the picture in the “Basic Aeronautics of the Space Shuttle” section to find out how fast the orbiter is moving upon touchdown. (Give both mph and km/h.)
8. Review the “Space Shuttle Vocabulary” and the diagram to locate the two landing gears. Name the two landing gears.
9. In “How the Shuttle Flies” name the activity that you will be doing. What part of the shuttle’s mission will this relate to? (Hint: Look at the photos.)
10. In “Phases of a Space Shuttle Mission” section it tells us that a typical shuttle mission is divided into how many phases?

Web Site Scavenger Hunt - Key

1. Who is the first female commander of a shuttle mission (STS-93)?

Eileen Collins

2. Name the payload of this mission (STS-93)?

Chandra

3. Take a “walk around the space shuttle” and find the names for these abbreviations.

ET = *External Tanks*

SRB = *Solid Rocket Boosters*

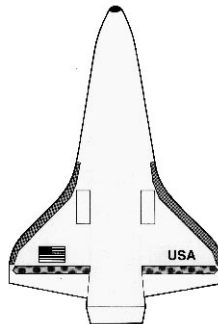
RMS = *Remote Manipulator System*

OMS = *Orbital Maneuvering System*

4. How many levels are there to the crew cabin? Name each one.

3 flight deck, mid-deck, lower deck

5. Look at a diagram of the space shuttle and draw the wing configuration of the orbiter.



6. Check out the “Basic Aeronautics of the Space Shuttle” to find that the space shuttle is also called an _____ and a _____. Name its two names below.

Orbiter

Lifting Body

Web Site Scavenger Hunt - Key (continued)

7. Look at the picture in the "Basic Aeronautics of the Space Shuttle" section to find out how fast the orbiter is moving upon touchdown. (Give both mph and km/h.)

226 mph

364 km/h

8. Review the "Space Shuttle Vocabulary" and the diagram to locate the two landing gears. Name the two landing gears.

Main landing gear

nose landing gear

9. In "How the Shuttle Flies" name the activity that you will be doing. What part of the shuttle's mission will this relate to? (Hint: Look at the photos.)

Glide Slope

Landing

10. In "Phases of a Space Shuttle Mission" section it tells us that a typical shuttle mission is divided into how many phases?

6

